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SEARCH REQUEST FORM

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Pam Miller 8/5/88

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6/30/98

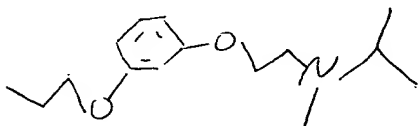
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Please write a detailed statement of search topic. Describe specifically as possible the subject matter to be searched. Define any terms that may have a special meaning. Give examples or relevant citations, authors, keywords, etc., if known. For sequences, please attach a copy of the sequence. You may include a copy of the broadest and/or most relevant claim(s).

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(FILE 'USPAT' ENTERED AT 13:39:41 ON 30 JUN 1998)

L1 154447 S GEL
L2 12744 S ANESTHESIA OR ANAESTHETIC# OR ANESTHETIC
L3 4711 S L1 AND L2
L4 77230 S SURFACTANT#
L5 1146 S L3 AND L4
L6 729278 S WATER OR AQUEOUS
L7 1139 S L5 AND L6
L8 10362 S EUTECTIC
L9 8 S L8 AND L7
L10 2177 S PERIODONTAL
L11 927 S L1 AND L10
L12 127 S L2 AND L11
L13 17789 S DENTAL
L14 1567 S L10 AND L13
L15 18399 S L13 OR L10
L16 74 S L15 AND L7
L17 0 S L8 AND L16

=> d 116 9 32

9. 5,714,159, Feb. 3, 1998, Hydrogel-forming, self-solvating absorbable polyester copolymers, and methods for use thereof; Shalaby W. Shalaby, 424/426, 78.03, 78.06, 425, 457, 462, 486; 514/506; 525/439, 450; 528/272, 275, 354, 361 [IMAGE AVAILABLE]

32. 5,612,052, Mar. 18, 1997, Hydrogel-forming, self-solvating absorbable polyester copolymers, and methods for use thereof; Shalaby W. Shalaby, 424/426, 78.03, 78.06, 425, 457, 462, 486; 514/506; 525/439, 450; 528/272, 275, 354, 361 [IMAGE AVAILABLE]

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L6 729278 S WATER OR AQUEOUS
L7 1139 S L5 AND L6
L8 10362 S EUTECTIC
L9 8 S L8 AND L7

=> d 2 3 4 6

2. 5,709,869, Jan. 20, 1998, Method for treating nerve injury pain associated with shingles; Harry Hind, 424/402, 443, 445, 447, 449 [IMAGE AVAILABLE]

3. 5,635,540, Jun. 3, 1997, Stabilized topical pharmaceutical preparations; Richard F. Edlich, et al., 514/772.3, 816, 817, 818 [IMAGE AVAILABLE]

4. 5,589,180, Dec. 31, 1996, Method for treating nerve injury pain associated with shingles (herpes-zoster and post-herpetic neuralgia) by topical application of lidocaine; Harry Hind, 424/402, 443, 445, 447, 449; 514/817 [IMAGE AVAILABLE]

6. 5,478,565, Dec. 26, 1995, Treatment of sinus headache; Navin M. Geria, 424/434, 45; 514/958 [IMAGE AVAILABLE]

=> FILE REG

FILE 'REGISTRY' ENTERED AT 12:58:22 ON 02 JUL 1998
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DICTIONARY FILE UPDATES: 1 JUL 98 HIGHEST RN 207723-15-7

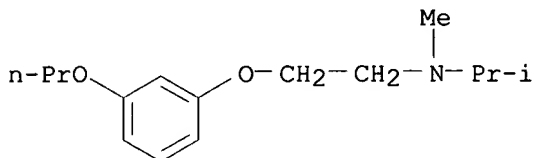
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 14, 1998

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Stereochemical name changes have been adopted and appear in CN's
beginning 6/29/30. See the online news message for details.

=> D L9

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 1998 ACS
RN 190258-12-9 REGISTRY
CN 2-Propanamine, N-methyl-N-[2-(3-propoxyphenoxy)ethyl]- (9CI) (CA
INDEX NAME)
FS 3D CONCORD
MF C15 H25 N O2
SR CA
LC STN Files: CA, CAPLUS, TOXLIT



2 REFERENCES IN FILE CA (1967 TO DATE)
2 REFERENCES IN FILE CAPLUS (1967 TO DATE)

=> FILE HCAPLUS

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FILE COVERS 1967 - 2 Jul 1998 VOL 129 ISS 1
FILE LAST UPDATED: 2 Jul 1998 (980702/ED)

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substance identification.

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=> S L9

L10 2 L9

=> D L10 ALL

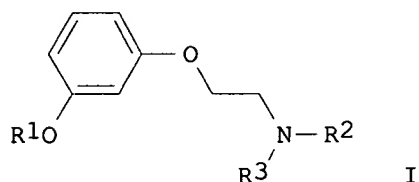
L10 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 1998 ACS
AN 1997:696618 HCAPLUS
DN 127:336655
TI New pharmaceutical composition with anesthetic effect
IN Brodin, Arne; Fynes, Raymond; Heijl, Lars; Nyqvist Mayer, Adela;
Scherlund, Marie
PA Astra Aktiebolag, Swed.; Brodin, Arne; Fynes, Raymond; Heijl, Lars;
Nyqvist Mayer, Adela; Scherlund, Marie
SO PCT Int. Appl., 20 pp.
CODEN: PIXXD2
PI WO 9738675 A1 971023
DS W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,
PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FI, FR, GA, GB,
GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG
AI WO 97-SE566 970401
PRAI SE 96-1421 960412
DT Patent
LA English
IC ICM A61K009-06
ICS A61K047-34; A61K031-165
CC 63-6 (Pharmaceuticals)
AB The invention is directed to a novel pharmaceutical compn.
comprising one or more local anesthetics in oil form, one or more
surfactants, water and optionally a taste masking agent. The novel
compn. is advantageously used as a local anesthetic for pain relief
within the oral cavity, esp. during periodontal scaling. A gel
contained lidocaine 2.5, prilocaine 2.5, Lutrol F68 5.5, Lutrol F127
15.5, and purified water to 100 %.
ST anesthetic gel periodontal scaling lidocaine prilocaine
IT Periodontium
(for pain relief during periodontal scaling; local anesthetic
gels for use on oral mucous membranes)
IT Local anesthetics
Topical gels (drug delivery systems)
(local anesthetic gels for use on oral mucous membranes)
IT 137-58-6, Lidocaine 721-50-6, Prilocaine 106392-12-5, Poloxamer
190258-12-9
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(local anesthetic gels for use on oral mucous membranes)

=> D L10 ALL 2

L10 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 1998 ACS
AN 1997:389229 HCAPLUS
DN 127:4917
TI Preparation of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local
anesthetics
IN Sandberg, Rune
PA Astra Aktiebolag, Swed.; Sandberg, Rune
SO PCT Int. Appl., 20 pp.
CODEN: PIXXD2
PI WO 9715548 A1 970501

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DS W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: AT, BE, BF, BJ, CF, CG, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE
 AI WO 96-SE1361 961023
 PRAI SE 95-3798 951027
 SE 96-329 960130
 DT Patent
 LA English
 IC ICM C07C217-20
 ICS A61K031-135
 CC 25-10 (Benzene, Its Derivatives, and Condensed Benzenoid Compounds)
 Section cross-reference(s): 1
 OS MARPAT 127:4917
 GI



AB The title compds. [I; R1 = C3-5 alkyl; R2, R3 = C1-3 alkyl (provided that when R2 = R3 = Et, then R1 does not represent Bu, i-Bu, n-pentyl)], useful as anesthetics, in particular local anesthetics and esp. topically applied local anesthetics, were prepd. by aminoethylation of 3-alkoxyphenols or by amination of 1-(2-bromoethoxy)-3-alkoxybenzenes. Compds. I were found to exhibit 100% anesthesia/analgesia using 15 min contact time in the Guinea Pig.

ST alkoxyphenoxyethylaldialkylamine prepn local topical anesthetic analgesic

IT Topical drug delivery systems
 (anesthetics; prepn. of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local anesthetics)

IT Analgesics
 Local anesthetics
 (prepn. of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local anesthetics)

IT Anesthetics
 (topical; prepn. of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local anesthetics)

IT **190258-12-9P** 190258-13-0P 190258-14-1P 190258-15-2P
 190258-16-3P 190258-17-4P 190258-18-5P 190258-19-6P
 190258-20-9P
 RL: BAC (Biological activity or effector, except adverse); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local anesthetics)

IT 106-94-5, n-Propyl bromide 108-46-3, Resorcinol, reactions
 109-65-9, n-Butyl bromide 110-53-2, n-Pentyl bromide
 RL: RCT (Reactant)
 (prepn. of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local anesthetics)

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anesthetics)
IT 16533-50-9P 18979-72-1P 18979-73-2P 91345-78-7P 91561-01-2P
91881-80-0P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. of new [2-(3-alkoxyphenoxy)ethyl]dialkylamines as local
anesthetics)

=> FILE HCAOLD

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FILE COVERS 1957-1966
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate
substance identification. TIFF images of CA abstracts printed
between 1907-1966 are available in the PAGE display formats.

=> S L9

L11 0 L9

=> FILE TOXLIT

FILE 'TOXLIT' ENTERED AT 13:00:22 ON 02 JUL 1998

FILE COVERS 1965 TO 1 JUL 1998 (19980701/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> S L9

L12 1 L9

=> D ALL

L12 ANSWER 1 OF 1 TOXLIT
AN 1998:2976 TOXLIT
DN CA-127-336655C
TI New pharmaceutical composition with anesthetic effect.
AU Brodin A; Fynes R; Heijl L; Nyqvist Mayer A; Scherlund M
SO (1997). PCT Int. Appl. PATENT NO. 9738675 10/23/1997 (Scherlund,
Marie).
CODEN: PIXXD2.
CY SWEDEN
DT Patent
FS CA
LA English
OS CA 127:336655
EM 199804
AB The invention is directed to a novel pharmaceutical compn.
comprising one or more local anesthetics in oil form, one or more
surfactants, water and optionally a taste masking agent. The novel
compn. is advantageously used as a local anesthetic for pain relief
within the oral cavity, esp. during periodontal scaling. A gel
contained lidocaine 2.5, prilocaine 2.5, Lutrol F68 5.5, Lutrol F127
15.5, and purified water to 100 %.
CC 63-6

ST anesthetic gel periodontal scaling lidocaine prilocaine
RN 137-58-6; 721-50-6; 106392-12-5; 190258-12-9